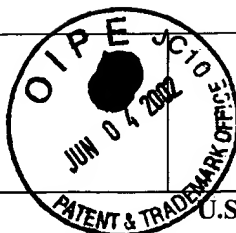


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ATTY. DKT. NO. 5659-02200/TH1947

SERIAL NO. 09/841,305

APPLICANT: Wellington, et al.

GROUP: 1764

FILING DATE: April 24, 2001

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
J2	E1	3,181,613	May-1965	Krueger			
	E2	3,922,148	Nov-1975	Child			RECEIVED
	E3	3,924,680	Dec-1975	Terry			JUN 10 2002
	E4	5,020,596	Jun-1991	Hemsath			GROUP 3600
	E5	5,229,102	Jul-1993	Minet et al.			
	E6	5,316,664	May-1994	Gregoli et al.			
	E7	5,366,012	Nov-1994	Lohbeck			
	E8	5,541,517	Jul-1996	Hartmann et al.			
	E9	5,861,137	Jan-1999	Edlund			
	E10	6,354,373	Mar-2001	Vercaemer et al.			
a	E15	4,463,807	Aug-1984	Stoddard et al.			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

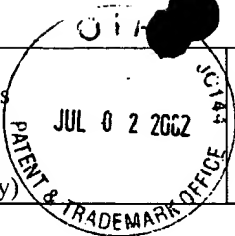
J2	E11	Coal, Encyclopedia of Chemical Technology, Kirk, R.E., Kroschwitz, J.I., Othmer, D.F., Wiley, New York, 4th edition, 1991, Vol. 6, pp. 423-488.
	E12	Cortez et al., UK Patent Application GB 2,068,014 A, Date of Publication: August 5, 1981.
	E13	Wellington et al., US Patent Application 60/273,354, Filed March 5, 2001.
J2	E14	The VertiTrak System Brochure, Baker Hughes, INT-01-1307A4, 2001 8 pages.

EXAMINER:

DATE CONSIDERED: 12/6/02

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ATTY. DKT. NO. 5659-02200/111947

SERIAL NO. 09/841,305

APPLICANT: Wellington et al.

GROUP: 3672

FILING DATE: April 24, 2001

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>Q</i>	F1	4,252,191	Feb-1981	Pusch et al.			
<i>Q</i>	F2	3,310,109	Mar-1967	J. W. Marx et al.			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Q</i>	F3	Thermal, Mechanical, and Physical Properties of Selected Bituminous Coals and Cokes, J. M. Singer and R. P. Tye, US Department of Interior, Bureau of Mines (1979) Government Report No. 8364.					
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APPLICANT: Wellington et al.

SERIAL NO. 09/841,30

GROUP: 3672

FILING DATE: April 24, 2001

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>W</i>	G1	3,675,715	Jul-1972	Speller, Jr.			
<i>W</i>	G2	3,809,159	May-1974	Young et al.			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>W</i>	G3	Rogers, Rudy E. "Coalbed Methane: Principles and Practice" Prentice-Hall, Inc. 1994, pp. 68-97.
<i>W</i>	G4	Department of Energy Coal Sample Bank and Database <a href="http://www.energy.psu.edu/arg/doesb.htm">http://www.energy.psu.edu/arg/doesb.htm</a> , June 4, 2002.

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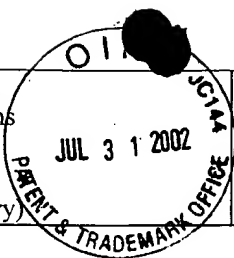
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ATTY. DKT. NO. 5659-02200/111947

SERIAL NO. 09/841,305

APPLICANT: Wellington et al.

GROUP: 3672

FILING DATE: April 24, 2001

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	G5	3,766,982	Oct-1973	Justheim			

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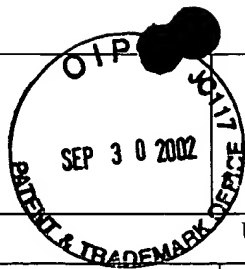
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ATTY. DKT. NO. 5659-02200/1-947

SERIAL NO. 09/841,305

APPLICANT: Wellington et al.

GROUP: 3673

FILING DATE: April 24, 2001

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
2	G5	3,766,982	Oct-1973	Justheim			
	G7	3,599,714	Aug-71	Messman et al.			
	G8	4,043,393	Aug-77	Fisher et al.			
	H1	4,093,025	June 78	Terry			
	H3	4,895,206	Jan-90	Price			

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✓	G9	Hyne, Norman J. Geology for Petroleum Exploration, Drilling, and Production. McGraw-Hill Book Company, 1984, p. 264.
✓	H2	Hobson, G.D., Modern Petroleum Technology, Halsted Press, Applied Science Publishers LTD. 1973, pp. 786, 787

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